

Volume contents

Volume 77 (1995)

F.J. Hidalgo, R. Zamora (Sevilla, Spain) <i>Epoxyoxoene fatty esters: key intermediates for the synthesis of long-chain pyrrole and furan fatty esters</i>	1
K.G. Ragunathan, S. Bhattacharya (Bangalore, India) <i>Formation of gel and fibrous microstructures by 1-alkyne amphiphiles bearing L-serine headgroup in organic solvents</i>	13
G. Jürgens, A. Fell, G. Ledinski, Q. Chen, F. Paltauf (Graz, Austria) <i>Delay of copper-catalyzed oxidation of low density lipoprotein by in vitro enrichment with choline or ethanolamine plasmalogens</i>	25
A. Ferretti, V.P. Flanagan (Beltsville, MD) <i>Mass spectrometric evidence for the anomalous chemical behavior of 11-dehydrothromboxane B₂</i>	33
P. Brocca, L. Cantu, S. Sonnino (Milan, Italy) <i>Aggregation properties of semisynthetic GD1a ganglioside (IV³Neu5AcII³Neu5AcGgOse₄Cer) containing an acetyl group as acyl moiety</i>	41
D.E. Epps, J.S. Harris, K.A. Greenlee, J.F. Fisher, C.K. Marschke, C.K. Castle, R.G. Ulrich, T.S. Moll, G.W. Melchior, F.J. Kézdy (Kalamazoo, MI) <i>Method for measuring the activities of cholesteryl ester transfer protein (lipid transfer protein)</i>	51
P. Banerjee, J.B. Joo, J.T. Buse, G. Dawson (Staten Island, NY; Chicago, IL) <i>Differential solubilization of lipids along with membrane proteins by different classes of detergents</i>	65
A. de la Maza, J.L. Parra (Barcelona, Spain) <i>Solubilizing effects caused by alkyl pyridinium surfactants in phosphatidylcholine liposomes</i>	79
T. Janas, T. Janas (Zielona Góra, Poland) <i>Interaction of undecaprenyl phosphate with phospholipid bilayers</i>	89
J. Moring, R.I. Duclos, Jr., J.-H. Zhang, L.G. Herbette, X. Xie, A. Makriyannis (Farmington, Storrs, CT; Cambridge, MA) <i>Single crystal X-ray structures of the two 4-heptadecyl derivatives of (1R,5S)-3,6,8-trioxabicyclo[3.2.1]octane</i>	99
A. Loidl-Stahlhofen, K. Hannemann, G. Spiteller (Bayreuth, Germany) <i>Detection of short-chain α-hydroxyaldehydic compounds as pentafluorobenzyloxime derivatives in bovine liver</i>	113
S. Tanikawa, K. Miyajima (Kyoto, Japan) <i>Calorimetric and infrared spectroscopic study of phase behavior of hydroxyceramides/cholesterol-3-sulfate system</i>	121
J.D. Schmitt, B. Amidon, R.L. Wykle, M. Waite (Winston-Salem, NC) <i>Stereospecific labelling of the glycerol moiety: synthesis of 1,2-dioleoyl-sn-[3-³H]glycero-3-phospho(1-rac-glycerol)</i>	131
T. Pomorski, A. Herrmann, B. Zimmermann, A. Zachowski (Berlin, Germany; Paris, France) <i>An improved assay for measuring the transverse redistribution of fluorescent phospholipids in plasma membranes</i>	139
B.W.K. Diehl, H. Herling, I. Riedl, E. Heinz (Köln, Hamburg, Germany) <i>¹³C-NMR analysis of the positional distribution of fatty acids in plant glycolipids</i>	147
M.S.F. Lie Ken Jie, C.C. Lam (Hong Kong) <i>¹H-Nuclear magnetic resonance spectroscopic studies of saturated, acetylenic and ethylenic triacylglycerols</i>	155
C. Santaella, P. Vierling (Nice, France) <i>Molecular order and mobility within liposomal membrane made from highly fluorinated phospholipids</i>	173
M.S.F. Lie Ken Jie, M.S.K. Syed Rahmatullah (Hong Kong) <i>Further chemical reactions of 1-pyrroline fatty ester: N-substituted pyrrolinium and pyrrolidine derivatives</i>	179

G. Knothe, M.S.F. Lie Ken Jie, C.C. Lam, M.O. Bagby (IL, USA; Hong Kong) <i>Evaluation of the ^{13}C-NMR signals of the unsaturated carbons of triacylglycerols</i>	187
G. Knells, M. Khalique Ahmed, R.M. Das, M.R. Oulton, H.H. Mantsch, J.E. Scott (Manitoba, Nova Scotia, Canada) <i>Fourier-transform infrared spectroscopic analysis of rabbit lung surfactant: subfraction-associated phospholipid and protein profiles</i>	193
D. Otten, K. Beyer (München, Germany) <i>Chain length mismatch and packing constraints of free fatty acids in a hexagonal detergent host phase. A wide line deuterium NMR study</i>	203
M. Alaiz, S. Barragán (Sevilla, Spain) <i>Changes induced in bovine serum albumin following interactions with the lipid peroxidation product E-2-octenal</i>	217
A. Polidori, B. Pucci, L. Zarif, J.-M. Lacombe, J.G. Reiss, A.A. Pavia (Avignon, Nice, France) <i>Vesicles and other supramolecular systems made from double-tailed synthetic glycolipids derived from galactosylated tris(hydroxymethyl)aminomethane</i>	225
P. Palestini, M. Pitto, S. Sonnino, M.F. Omodeo-Salè, M. Masserini (Milano, Italy) <i>Spontaneous transfer of GM3 ganglioside between vesicles</i>	253
J.K. Denike, M. Moskova, X.X. Zhu (Québec, Canada) <i>Stereoselective synthesis of 3β-bile acid derivatives from the 3α-analog</i>	261
Author index — Volume 77	269
Subject index — Volume 77	271
Contents — Volume 77	275

